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Claim Listing

1-20. (Cancelled)

21. (Previously presented) A method of removing a floor covering adhesive material that is attached to a surface, the method comprising:
applying a composition to the floor covering adhesive material such that the composition contacts the adhesive material and wets and penetrates the adhesive material to break down adhesive bonds between the floor covering adhesive material and the surface; and
removing the floor covering adhesive material from the surface;
wherein the composition comprises an alkaline amine reagent coupled with a non-ionic wetting agent.

22. (Original) The method of Claim 21, wherein the alkaline amine reagent is selected from diethylamine; dibutyl amine; dipentyl amine; any methyl, ethyl, or propyl amine with an oxygen or hydroxyl attached to the aliphatic part of the reagent; aniline; diphenylamine; ethylene diamine; methyl amine; dimethylamine; ethyl amine; butyl amine; or ethanolamine.

23. (Original) The method of Claim 21, wherein the non-ionic wetting agent is selected from 1-butyl-2-propanol; 1-ethoxy-2-propanol; 2-(2-ethoxy)-

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ethanol; 1-ethoxyethanol; 1-propanol; 1-butanol; 1-pentanol; 1-hexanol; 2-ethyl-1-butanol; 2-ethyl-1-hexanol; 2-methyl-1-butanol; 2-butoxyethanol; phenyl ethanol; or 2-amino ethanol.

24. (Original) The method of Claim 21, wherein the alkaline amine reagent comprises ethanolamine and the non-ionic wetting agent comprises 2-butoxyethanol.

25. (Original) The method of Claim 21, wherein the adhesive material is selected from rubber cements; mastics; pressure sensitive adhesives; acrylics; vinyl acetates; ethylene vinyl acetates; vinyl acrylics; styrene monomers and copolymers; neoprene latexes; nitrile latexes; SBR; natural rubber latexes; two component urethanes and epoxies; or moisture cured urethanes.

26-44. (Cancelled)

45. (Original) The method of Claim 21, wherein the alkaline amine reagent comprises an alkaline aliphatic amine reagent.

46. (Original) The method of Claim 22, wherein the alkaline aliphatic amine reagent is ethanolamine.

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47. (Original) The method of Claim 21, wherein the alkaline amine reagent has a surface tension less than about 52 dynes.

48. (Original) The method of Claim 21, wherein the alkaline amine reagent has a surface tension less than about 30 dynes.

49. (Original) The method of Claim 21, wherein the alkaline amine reagent has a surface tension less than about 25 dynes.

50. (Original) The method of Claim 21, wherein the non-ionic wetting agent has a surface tension less than about 52 dynes.

51. (Original) The method of Claim 21, wherein the non-ionic wetting agent has a surface tension less than about 30 dynes.

52. (Original) The method of Claim 21, wherein the non-ionic wetting agent has a surface tension less than about 25 dynes.

53. (Original) The method of Claim 21, wherein the alkaline amine reagent has a boiling point of greater than about 130° C.

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54. (Original) The method of Claim 21, wherein the alkaline amine reagent has a boiling point of greater than about 150° C.

55. (Original) The method of Claim 21, wherein the alkaline amine reagent has a boiling point of greater than about 160° C.

56. (Original) The method of Claim 21, wherein the non-ionic wetting agent has a boiling point of greater than about 130° C.

57. (Original) The method of Claim 21, wherein the non-ionic wetting agent has a boiling point of greater than about 150° C.

58. (Original) The method of Claim 21, wherein the non-ionic wetting agent has a boiling point of greater than about 160° C.